

Occupational Title	Employment		Annual Growth	Median Wage
	2000	2010		
Computer Support Specialists	1,703	2,852	122	\$17.46
Computer Software Engineers, Applications	597	981	42	\$34.67
Management Analysts	727	969	31	\$31.90
Executive Secretaries & Admin. Assistants	1,287	1,289	30	\$16.86
Accountants and Auditors	482	644	25	\$23.38
Architectural and Civil Drafters	377	430	17	\$20.99
Electrical & Electronic Equipment Assemblers	618	399	16	\$10.53
Computer Programmers	665	655	15	\$25.70
Office Clerks, General	425	465	14	\$11.14
Chemists	192	261	14	\$28.11
Managers of Production and Operating Workers	445	378	13	\$22.02
Computer Software Engineers, Systems Software	298	404	13	\$33.89
Secretaries, Except Legal, Medical, and Executive	540	533	11	\$13.47
Marketing Managers	307	370	11	\$34.37
Network and Computer Systems Administrators	150	249	11	\$28.81
Mechanical Engineers	274	280	11	\$32.81
Electromechanical Equipment Assemblers	402	317	10	\$8.67
Computer Systems Analysts	208	286	10	\$30.43
Laborers & Freight Material Movers, Hand	213	216	10	\$10.42
Bookkeeping, Accounting, and Auditing Clerks	360	354	9	\$14.72
Inspectors, Testers, Sorters & Samplers	364	289	9	\$11.41
Automotive Service Mechanics	125	179	8	\$15.70
Packaging & Filling Machine Operators	224	258	8	\$8.86
Team Assemblers	442	373	8	\$9.34
Survey Researchers	158	203	8	\$17.29
Electrical Engineers	300	301	8	\$27.72
Sales Reps, Wholesale and Manufacturing	242	220	8	\$19.83
Mixing and Blending Machine Operators	284	289	8	\$14.48
Engineering Managers	246	254	7	\$45.42
Separating, Filtering and Still Machine Operators	68	121	7	\$8.92

*Wage rate reflects the median wage paid by RI employers in May 2003.*

## Opportunities in High Technology



DLT is an Equal Opportunity Employer/Program.  
Auxiliary aids & services are available upon request to individuals with disabilities.



Visit DLT's  
Labor Market Information  
web site at:

[www.dlt.ri.gov/lmi](http://www.dlt.ri.gov/lmi)

May 2004

### Labor Market Information

RI Department of Labor & Training  
1511 Pontiac Avenue  
Cranston, RI 02920

Phone (401) 462-8740

TDD (401) 462-8006

*The U.S. Bureau of Labor Statistics defines an industry as high technology if the share of employment in research & development and technology oriented occupations for that industry is at least twice the share of employment in those occupations for all industries. A total of 31 industries are defined as high technology, of which 27 are manufacturing industries and 4 are service industries.*

Rhode Island employment is expected to increase by nearly 50,000 jobs over the 2000-2010 projection period. Employment in 2010 is estimated to reach 553,533; an increase of 50,143 (10.1% ) from the 2000 employment level of 503,390.

As employment grows, the demand for new High Technology jobs will continue to grow resulting in the addition of nearly 2,700 High Tech jobs. Employment in RI's High Tech industry cluster is projected to grow at 10.3 percent, in line with the projected 10.1 percent for all industries, and is expected to reach nearly 30,000 by 2010.

Computer and Data Processing Services will add over 2,200 jobs within the next ten years resulting in substantial growth for Computer Support Specialists, Computer Software Engineers, and Network and Computer Systems Administrators. Eighty percent of the High Technology Industries growth will come from the Computer and Data Processing Services. Substantial growth of nearly 1,400 jobs are projected in the Management and Public Relations industries and in the Research and Testing Services industries.

## High Tech's Fastest Growing Jobs

Computer Support Specialist  
Network and Computer Systems Administrators  
Computer Software Engineers, Applications  
Automotive Service Technicians and Mechanics  
Chemists  
Computer Software Engineers, Systems Software  
Accountants and Auditors  
Management Analysts  
Marketing Managers  
Architectural and Civil Drafters

## Rhode Island 2010 Projections

### Projected Employment Gains in High Tech Industries

	2000	2010	Numeric Change	Percent Change
<b>High Technology, Total</b>	<b>26,005</b>	<b>28,675</b>	<b>2,670</b>	<b>10.3%</b>
Computer and Data Processing Services	6,758	9,000	2,242	33.2%
Drugs	374	750	376	100.5%
Engineering & Architectural Services	2,791	3,102	311	11.1%
Management and Public Relations	3,432	4,400	968	28.2%
Medical Instruments and Supplies	805	850	45	5.6%
Plastic Materials and Synthetics	445	500	55	12.4%
Research and Testing Services	1,086	1,499	413	38.0%
Soap, Cleaners, and Toilet Goods	758	795	37	4.9%

Job openings result from two major factors: the need to replace workers who leave an occupation because of a job change, retirement, or death; and the need to fill vacancies created by economic expansion.

It is projected that during the 2000-2010 projection period, employers in High Technology industries will need to fill over 4,400 job openings resulting from employee turnover and economic growth. Sixty percent, (2,670) of the job openings are attributed to the economic growth that is expected to occur during this period. The remaining job openings, 1,779 are due to employee turnover. Rhode Island's High Technology cluster will seek to fill nearly 440 positions each year: (See back of brochure.)